



(19)

Europäisches Patentamt
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(11)

EP 1 043 905 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
25.09.2002 Bulletin 2002/39

(51) Int Cl. 7: H04Q 7/32, G06F 17/30

(43) Date of publication A2:
11.10.2000 Bulletin 2000/41

(21) Application number: 00302859.4

(22) Date of filing: 05.04.2000

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 05.04.1999 US 286499

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(54) Method and apparatus for displaying information during idle time on a wireless mobile device

(57) A system for displaying idle content information on wireless computing devices during idle times is disclosed. A wireless computing device (106) receives from a wireless network (102) idle content information specified by an address identifier identifying a network resource in the wireless network. When the device is determined as being idle, the idle content information is

displayed on the device display (116). The idle content information might be the network operators customer support telephone number or advertisements. A browser program within the device may be modified to support looping content, interaction with idle displays, automatic scrolling, and automatic updating of idle content information.

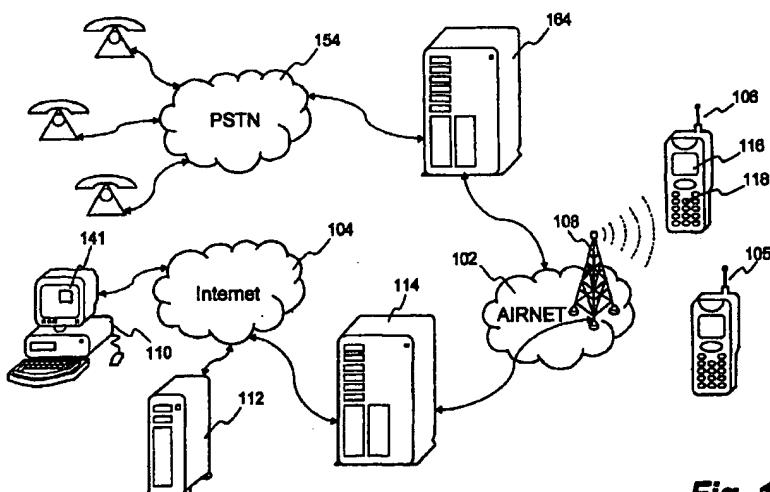


Fig. 1



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EUROPEAN SEARCH REPORT

Application Number
EP 00 30 2859

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 831 629 A (NOKIA MOBILE PHONES LTD) 25 March 1998 (1998-03-25) * abstract * * page 2, line 31 - line 47 * * page 3, line 45 - line 51 * * page 4, line 9 - line 18 * A * page 9, line 7 - line 11 * ---	1,2	H04Q7/32 G06F17/30
Y	ERLANDSON C ET AL: "WAP - THE WIRELESS APPLICATION PROTOCOL" ON - ERICSSON REVIEW, ERICSSON. STOCKHOLM, SE, no. 4, 1998, pages 150-153, XP000792053 ISSN: 0014-0171 * abstract * * page 150, left-hand column * * page 150, right-hand column, paragraph 9 * * page 152, left-hand column, paragraph 3 *	4-8,10	4-6,8,10
Y	US 5 852 775 A (HIDARY MURRAY) 22 December 1998 (1998-12-22) * column 1, paragraph 3 * * column 3, paragraph 2 - paragraph 6 * ---	7	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H04L G06F H04Q H04M
A	US 5 796 945 A (TARABELLA ROBERT M) 18 August 1998 (1998-08-18) * abstract * * column 2, paragraph 5 * * column 3, paragraph 2 * * column 4, paragraph 2 - paragraph 3 * * column 8, paragraph 1 - paragraph 6 * * column 9, paragraph 5 * ---	1,3,8,9	
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	30 July 2002	Blanco Cardona, P	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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ON EUROPEAN PATENT APPLICATION NO.

EP 00 30 2859

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

30-07-2002

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0831629	A	25-03-1998	US EP	5870683 A 0831629 A2	09-02-1999 25-03-1998	
US 5852775	A	22-12-1998		NONE		
US 5796945	A	18-08-1998		NONE		

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82